California Weather-Hydro Conditions during November 2012

As of November 30, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 90 percent of average to date; and reservoir storage, 100 percent of average for the date. Sacramento River Region unimpaired runoff observed through November 30, 2012 was about 1.5 million acre-feet (MAF), which is about 108 percent of average. For comparison, on November 30, 2011, the observed Sacramento River Region unimpaired runoff through that date was about 1.1 MAF, or about 77 percent of average.

During the last week of November, a series of strong weather systems brought widespread, very heavy rain to Northern California and portions of Central California. This significant wet pattern lasted through the first weekend of December and greatly enhanced the State's water supply.

On November 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 15.7 inches, which is about 169 percent of the seasonal average to date and 31 percent of an average water year (50.0 inches). During November, the total precipitation for the 8-Stations was 13.0 inches, which is also about 206 percent of the monthly average. Last year on November 30, the seasonal total for the 8-Stations was 6.6 inches, or about 71 percent of average for the date.

On November 30, the San Joaquin 5-Station Precipitation Index Water Year total was 7.6 inches, which is about 112 percent of the seasonal average to date and 19 percent of an average water year (40.8 inches). During November, the total precipitation for the 5-Stations was 6.3, which is also about 134 percent of the monthly average. Last year on November 30, the seasonal total for the 5-Stations was 4.0 inches, or about 59 percent of average for the date.

Selected Cities Precipitation Accumulation as of 11/30/2012 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2012 - 2012 (in inches)	% Avg	Jul 1 to Date 2011 - 2011 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2012- 2013
Eureka	9.83	110	8.65	97	24
Redding	9.12	122	5.95	79	26
Sacramento	5.03	149	2.08	62	27
San Francisco	5.97	131	3.23	71	25
Fresno	1.34	71	1.57	83	12
Bakersfield	0.12	11	1.31	124	2
Los Angeles	1.46	74	2.33	119	11
San Diego	0.88	49	3.71	208	9

Key Reservoir Storage (1,000 AF) as of 11/302012								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,776	1,614	110	2,448	73	---	672
Shasta Lake	Sacramento	2,564	2,777	92	4,552	56	-688	1,988
Lake Oroville	Feather	1,862	2,192	85	3,538	53	-1,004	1,676
New Bullards Bar Res	Yuba	623	523	119	966	65	-173	343
Folsom Lake	American	404	467	86	977	41	-173	573
New Melones Res	Stanislaus	1,503	1,318	114	2,420	62	-467	917
Don Pedro Res	Tuolumne	1,190	1,311	91	2,030	59	-500	840
Lake McClure	Merced	373	449	83	1,025	36	-302	652
Millerton Lake	San Joaquin	263	218	121	520	51	-173	257
Pine Flat Res	Kings	214	376	57	1,000	21	-460	786
Isabella	Kern	84	150	56	568	15	-86	484
San Luis Res	(Offstream)	807	1,247	65	2,039	40	---	1,232

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for December 2012, issued November 30, 2012, suggests above average rainfall for the northern half of California and no tendency for above or below average rainfall for the southern half of the State.